State of HIE Nationally and Locally

Overview

HIE vs Interoperability

Exchange Standards

- Directed: HL7 – v2, v3, Direct
- Query based:PIQ/PDQ, nwHIN protocols
- API: FHIR

National View of HIE

- Strategic HIE Collaborative
- Patient Centered Data Home
- eHealth Exchange
- Care Equality
- TEFCA

Local to regional HIE

Exchange Standards

HL7v2

ADT

Lab

TRN

RAD

HL7v3

CCD

CDA

FHIR
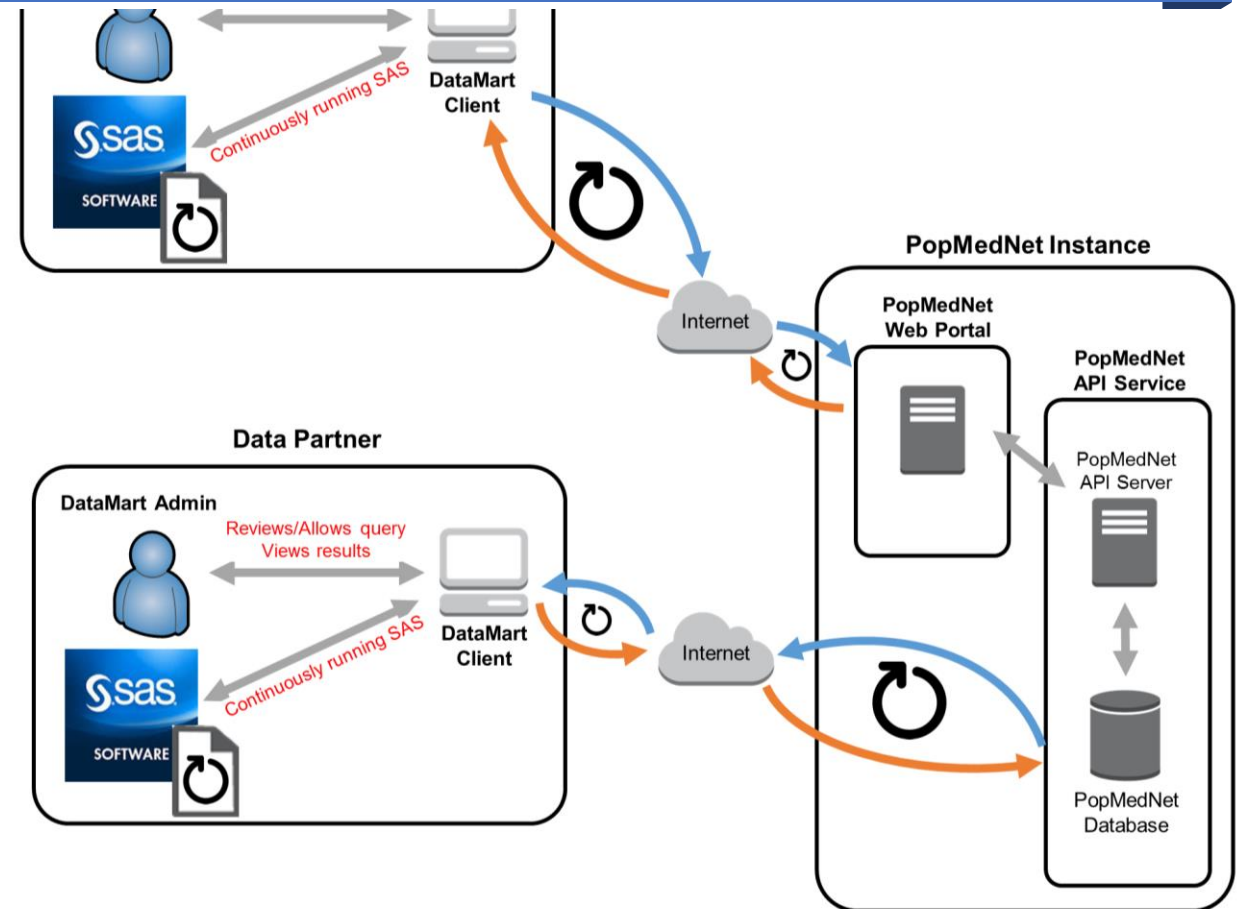
Query Based Exchange

- PIX
- PDQ
- XCPD
- XCA
- XDS.B

National Exchange landscape

- Strategic Health Information Exchange Collaborative (SHIEC)
- Patient Centered Data Home (PCDH)
- eHealth Exchange
- Care Equality
- Trusted Exchange Framework and Common Agreement (TEFCA)

Regionally

- All surrounding states have at least one HIE

- PCDH
    - Western States Hub
    - Connected to multiple states for Admission Discharge notifications
    - Connected to two states for record exchange

- Infrastructure Collaboration

UTAH

- Multiple options for sharing
  - Direct   Push
    Query   API
- Alerts use growing weekly
- New MPI being installed currently
- New HIE platform installed next quarter
- Increased use of pop health tools
- Data Quality! Data Quality! Data Quality!...
- Conversation about TEFCA implications
- State MPI Project

ThSISU State MPI Project

Connected MPIs

UHIN

IMTN

UofU

DOHMPI

Revere

Use cases

Newborn screening

Pediatric patient summary

Falls prevention grant

Controlled substance database connection